SITE NUMBER: S-305L-02
LOCAL NAME: Renterias
WRIA: 20.0305B

NORTH COAST OFF CHANNEL SITE INVENTORY DATA

RIVER SYSTEM: Solduck **DATE:** 4-7-93 **OBSERVER:** Nettnin

CHANNEL TYPE: Wall based, terrace -spring channel

TRIBUTARY TO: Tassel Cr. **LOCATION:** LB @ RM: 0.1 (Field Data)

LEGAL DESCRIPTION: NW¼, NW¼, SEC 33, TWP 29 N, RNG 13 W

DIRECTIONS TO SITE: Proceed North of Forks on Highway 101 for about 1.8 mi. to the Whitman-Dimmel Road. Turn right onto the Whitman-Dimmel Road and proceed about 1.2 mi., going down a winding hill, crossing Tassel Cr. at the bottom of the hill and going to the second driveway on the left (mail box 5336). Turn into the driveway, crossing Tassel Cr. Walk along the old road going towards the high terrace. S-305L-02 is at the base of the terrace.

HABITAT INFORMATION:

	UPPER END	LOWER END	RIVER TEMP
WATER TEMP:	8.5° C	9.0° C	7.5°C

FLOW (CFS): 0.2 - 0.5 0.5 - 1.0

SUBSTRATE TYPE: Sand/woody debris

SITE SIZE: **Length-** 400 m
Width- Water surface = 0.5 - 3.0 m
Channel = 0.5 - 4.0 m
Depth- 8 - 20 cm **Max-** 30 - 40 cm

WATER SOURCE: Springs

FISH ACCESS AND CURRENT USE: There is a nice egress into an eddy in Tassel Cr. 1+ Coho fry were observed during this survey and during a previous visit with the landowner.

FLOODING POTENTIAL: About the lower 60 m have a high potential of back water flooding.

LANDOWNER: Renteria/Bloedell

COMMENTS & RECOMMENDATIONS: This channel has about this amount of a water in it all year. It also has:

- Numerous springs emanating from the wall base.
- Dense shade provided by 30 - 40 year old alder stand.
- A dense understory of salmonberry.

RECOMMEND:

- Armoring the bank of Tassel Cr. From the confluence of S-305L-02, upstream for about 30 m to prevent eroding away the mouth of S-305L-02 and creating a plunge.
- Construct a control/fishway and or a series of controls.

GPS: (decimal degrees, Datum WGS84): 12/02
upper project - N47.97929, W124.39105
egress - N47.98015, W124.39422

DATE: 9-6-94 - 9-22-94 **OBSERVER:** Nettnin
During this time period seven plank weirs were installed in this stream to enhance year-round rearing and spawning gravel was added to create new spawning area.

The weirs are installed in two groups. The first group is about 20 meters from the confluence with Tassel Cr. There are four standard plank controls about 3 - 5 meters apart. The upper-most weir forms a pond about 107 m long. The second group consists of two standard plank controls and one zig zag control. The zig zag impounds water for an additional 100 meters.

Spawning gravel has been placed between the weirs below each impoundment.

DATE: 2-23-95 **OBSERVER:** Powers, Gowen
Observed many schools of coho smolts throughout the project and above it.

DATE: 11-16-95 **OBSERVER:** Nettnin
The project looked good; no problems at the weirs. There is more erosion by Tassel Creek, on the point of land between the channel and the creek. The entrance condition is not as good because a lack of quiet water at the egress. A fish rise was observed below the upper most weir. On 11/8/95 project site was totally back watered by ~18 inches over the upper most weir.

DATE: 4-1-96 **OBSERVER:** Powell
Upper zig-zag control has some erosion on the left bank side. There is a small amount of water piping under and around it - it could use some rock armoring due to the soft substrate. All other controls, down to Tassel Creek, appeared to be fine.

DATE: 11-13-96 **OBSERVER:** Powell & Darrow
All the controls are fine and the system is fully charged. Saw no fish in the project but observed spawning coho in Tassel Cr.

DATE: 5-14-97 **OBSERVER:** Darrow
System gained a substantial amount of additional debris from broken alder due to winter storms. All the controls had some debris on them but were not fish or flow barriers. Observed fry by the confluence with Tassel Cr.

DATE: 10-22-97 **OBSERVER:** Nettnin
- All weirs are functioning properly.
- Cleaned a few sticks and leaves out of the notches.

DATE: 4-15-98 **OBSERVER:** Darrow
Everything appeared fine - cleared a few twigs in control notches. Observed a few fry in lower incised portion of the channel.

DATE:11/3/98 **OBSERVER:** Darrow
System was flowing an estimated 0.3 cfs. One small driftwood debris jam was removed from uppermost control. All others were clear. No dams or barriers were encountered. A small debris jam at the confluence with the river helps with juvenile cover. No fish were observed.

DATE: 5/9/99 **OBSERVER:** Darrow
No problems encountered. Flow was ~ 0.25 CFS. There is some addition cover in the upper control pond due to this past winter's storms. Easier to access site from confluence with Tassel Creek (trail has grown in). Observed fry in the lower part of system.

DATE: 12/9/99 **OBSERVER:** Darrow
Good flow at present time, about 1.34 - 2 CFS. Notched portion of upper control had an accumulation of small woody debris which was cleared. All else appeared okay.

DATE: 4/22/00 **OBSERVER:** Darrow
The December 15th high flow event deposited a layer of silt, 8 - 10 inches deep over control area. The system has flushed the majority of the in channel silt. Cleared some limbs and twigs from notches. Observed a few fry at the confluence.

DATE: 11/13/00 **OBSERVER:** Darrow
Adjacent land surrounding headwaters of system has been logged leaving little shade canopy. Top control had an accumulation of sticks and limbs. Did not observe any fish.

DATE: 5/2/01 **OBSERVER:** Darrow
There was a small beaver dam at the top plank control. Observed a few smolt sized salmonids darting for cover in the pond. Everything else looked fine.

DATE: 5/12/02 **OBSERVER:** Darrow
A small beaver dam on the middle plank control was cleared. Everything else looked okay. Observed fry upstream of the top control. Also, saw fry and smolts amongst cover in the left bank arm of the system. It appears that the past logging activity in the top end of the system encroached too closely. The right bank branch is bare of any tree cover.

DATE: 12/1/02 **OBSERVER:** Powell
Two large beaver dams, one in the upper end and one in the lower end. Maybe passable during high flows.
GPS: (decimal degrees, Datum WGS84):
upper project - N47.97929, W124.39105
egress - N47.98015, W124.39422

DATE: 10/29/03 **OBSERVER:** Nettnin
Active beaver dam on #4 weir. Upper dam not active at this time.

DATE: 11/5/03 **OBSERVER:** Nettnin
Revisited the project to check beaver dams. Modified both dams so more water flows around the left bank end.

FISH PASSAGE FACT SHEET

Check one:
(X) New Fishway
( ) Unresolved Fish Passage Problem
( ) Corrections or Additions to the Database

STREAM: Renterias Spr., Trib to Tassel Cr (Soleduck Drainage).

WRIA #: 20.0305B (S-305L-02)

RIVER MILE: 0.05 RB Tassel Cr.

LEGAL (S,T,R): NW¼, NW¼, SEC 33, TWP 29 N, RNG 13 W

DESCRIPTION OF FISHWAY: Seven plank controls set in two groups, forming two ponds. The upper most weir is a zig zag type the rest are standard plank controls.

YEAR COMPLETED: 1994

DESCRIPTION OF BARRIER: These controls were built to create rearing habitat.

IDENTIFIED BY/YEAR: Nettnin/1994

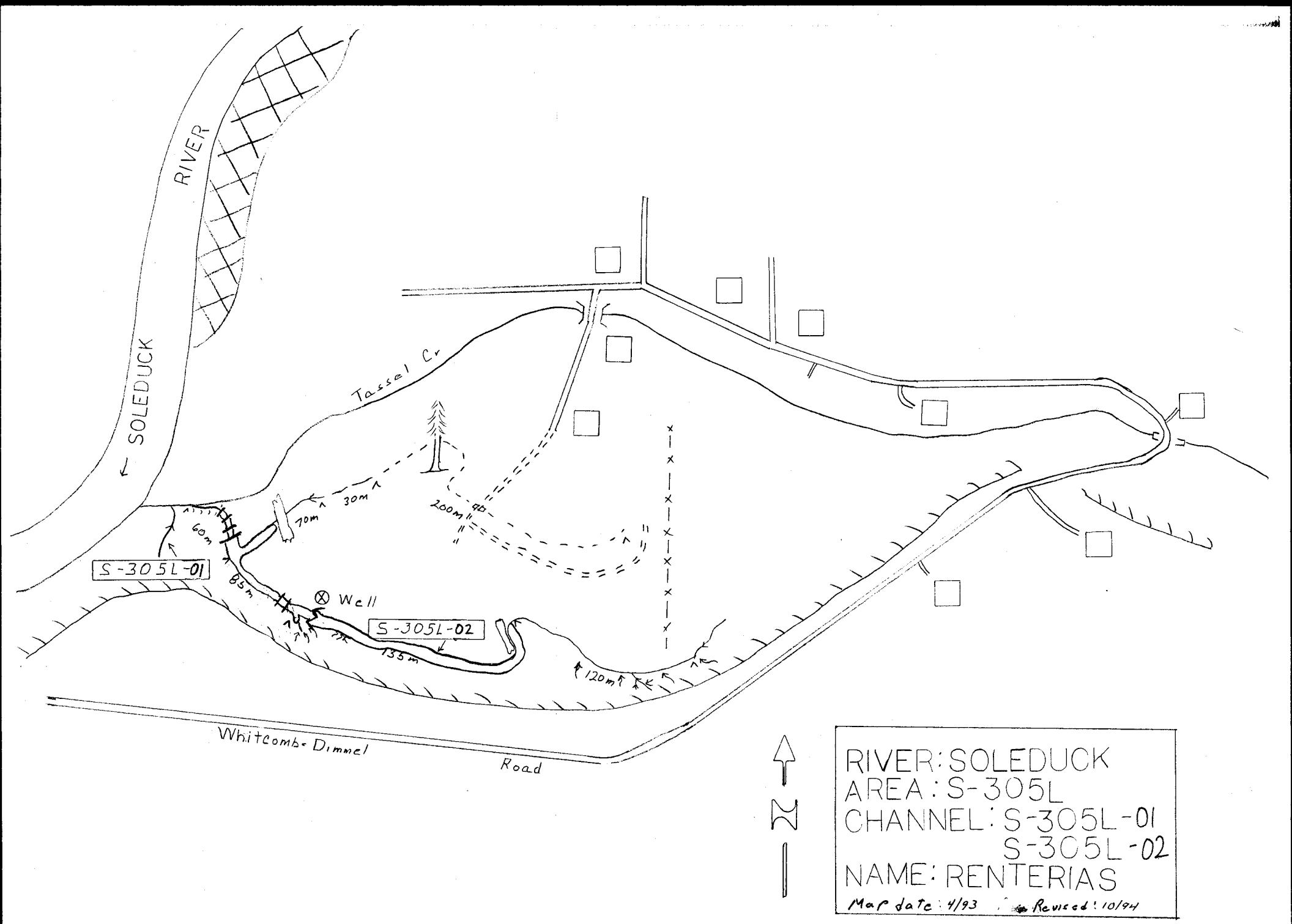
LANDOWNER (of fishway or barrier): Joe Renteria

(address if known):

PRIMARY SPECIES (impacted by barrier or utilizing fishway): Coho and trout

HABITAT AVAILABLE ABOVE FISHWAY OR BARRIER (miles): 0.25 mi

REMARKS:


SOLEDUCK RIVER
Tassel Cr
S-305L-01
S-305L-02
Well
60m
85m
70m
30m
200m
135m
120m
Whitcomb-Dimmel Road
N
RIVER: SOLEDUCK
AREA: S-305L
CHANNEL: S-305L-01
S-305L-02
NAME: RENTERIAS
Map date: 4/93
Revised: 10/94

WASHINGTON

7.5 MINUTE SERIES (TOPOGRAPHIC)

NW/4 FORKS 15' QUADRANGLE

PORT ANGELES 54 MI
BEAVER P.O 4.7 MI

1 130 000 FEET

1180 III
(LAKE PLEASANT 1:62 500)

RIVER: SOL DUC

TRIB: Tassel Creek and Fossil Creek
WRIA: 20.0305 and 20.0306

OVERVIEW MAP

RIVER: SOL DUC RIVER

AREA: S-L3

AREA MAP

9/96